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Applicant : Ahn et al.

JAN 29 2004

Serial No. : 09/993,056

TC 2600

Filed : November 14, 2002

Group Art Unit: 2661

For : SIGNAL PROCESSING METHOD AND APPARATUS FOR  
ENHANCING DEMODULATION PERFORMANCE OF CDMA  
RECEIVING SYSTEM UTILIZING ARRAY ANTENNA

I hereby certify that this paper is being deposited with the United States  
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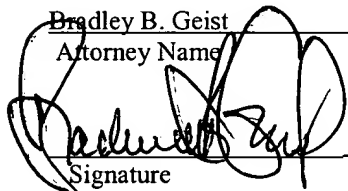
JAN 29 2004

Bradley B. Geist  
Attorney Name

27,551

PTO Reg. No.

Technology Center 2600

  
Signature

January 22, 2004

Date of Signature

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention  
of the Examiner the documents listed on the attached PTO 1449 and respectfully requests  
NY02:472592.1

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that the listed documents be considered by the Examiner and made of record in the above-captioned application. Unless otherwise indicated, a full text copy of each document is attached. The referenced citations are listed in the accompanying Search Report and PTO Form 1449.

Identification of the listed references in the PTO 1449 is not to be construed as an admission of the Applicant(s) or the attorneys of the Applicant(s) that such references are available as "prior art" against the subject application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited document(s) do not constitute "prior art" under United States law, applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.


This statement is submitted more than 3 months from the application filing date but before the mailing date of the first Office Action on the merits. In accordance with 37 C.F.R. § 1.98, submission of this Information Disclosure Statement requires no

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fee. However, the Commissioner is hereby authorized to charge the payment of any fees required in association with this communication to Deposit Account No. 02-4377.

Respectfully submitted,

By:   
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NY02:472592.1

Serial No.  
09/993,056

Applicant  
Ahn et al.

Filing Date  
November 14, 2002

Group  
2661

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

| *Exam.<br>Init. | Document No. |   |   |   |   |   |   |   | Date      | Name                | Class | Subclass | Filing Date<br>if Appropriate |
|-----------------|--------------|---|---|---|---|---|---|---|-----------|---------------------|-------|----------|-------------------------------|
|                 |              | 4 | 5 | 1 | 3 | 3 | 8 | 3 | 4-23-1985 | Hackett, Jr.        | 364   | 517      |                               |
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**FOREIGN PATENT DOCUMENT**

[illegible]

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

"CDMA Systems Engineering Handbook", by J. S. Lee, L. E. Miller; Artech House, Boston - London, p. 750-757

NY02:472596.1

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.